

## **NODE 1 ALCOVE PORT SHEAR PANEL REMOVAL**

### OBJECTIVE:

To remove Shear Panels from Node 1 Alcove Port Structure and attach to the back of Node 1 Alcove Port Closeout Panel.

### LOCATION:

Installed: Node 1 Alcove Port Structure

Stowed: Attach to Alcove Port Closeout Panel

### DURATION:

TBD

### PARTS:

None

### MATERIALS:

Plastic Bag

### TOOLS REQUIRED:

Equipment Bag

Kit D:

5/32" Hex Head Driver, 1/4" Drive

Kit E:

Driver Handle 1/4" Drive

6" Ext. 1/4" Drive

Kit F:

3/8" Socket 1/4" Drive

Kit G:

(5-35 in-lbs) Trq Driver

Kit TBD:

Power Driver

### REFERENCED PROCEDURE(S):

None

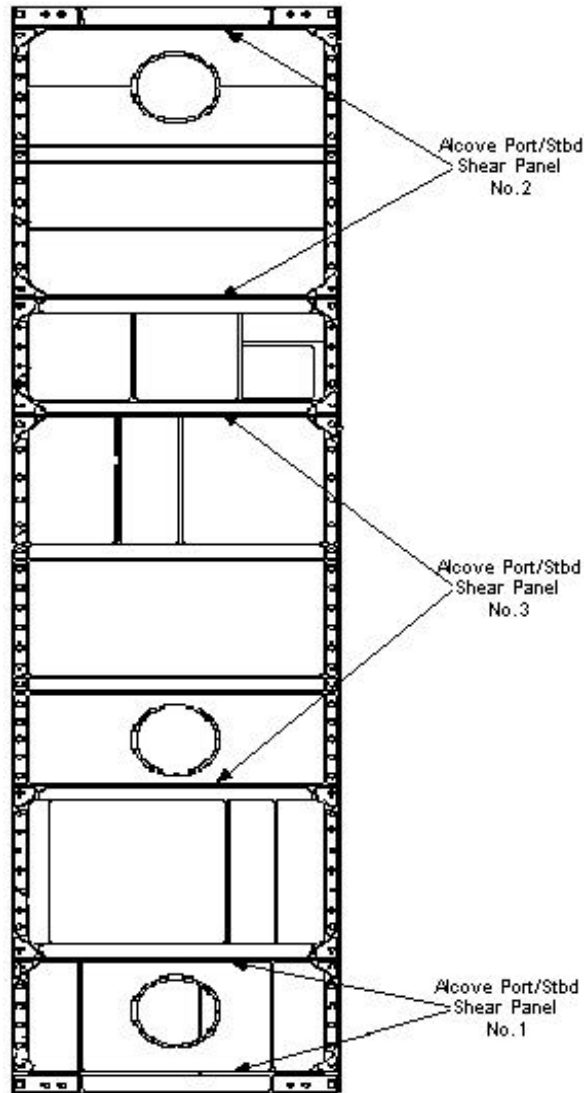


Figure 1.- Node 1 Alcove Port Shear Panels No.1, No. 2, and No. 3 (Closeout Panel removed).

#### ACCESS

1. Remove, temporary stow Alcove Port Closeout Panel, fasteners (fourteen) (5/32" Hex Head Driver, Driver Handle 1/4" Drive).

#### REMOVE

2. Remove hex screws (twelve) Alcove Port Shear Panel No. 1. Stow screws (except four) in plastic bag (3/8" Socket 1/4" Drive, Power Driver).
3. Install Shear Panel No. 1 to back of Closeout Panel. Tighten remaining hex screws (four), torque to  $27 \pm 2$  in-lbs (3/8" Socket 1/4" Drive, Driver Handle 1/4" Drive, (5-35 in-lbs) Trq Driver).

4. Remove hex screws (thirty-six) Alcove Port Shear Panel No. 3. Stow screws (except four) in plastic bag (3/8" Socket 1/4" Drive, Power Driver).
5. Install Shear Panel No. 3 to back of Closeout Panel. Tighten remaining hex screws (four), torque to  $27 \pm 2$  in-lbs (3/8" Socket 1/4" Drive, Driver Handle 1/4" Drive, (5-35 in-lbs) Trq Driver).
6. Remove hex screws (twenty-six) Alcove Port Shear Panel No. 2. Stow screws (except four) in plastic bag (3/8" Socket 1/4" Drive, Power Driver).
7. Install Shear Panel No. 2 to back of Closeout Panel. Tighten remaining hex screws (four), torque to  $27 \pm 2$  in-lbs (3/8" Socket 1/4" Drive, Driver Handle 1/4" Drive, (5-35 in-lbs) Trq Driver).

REPLACE

8. Install Alcove Port Closeout Panel, tighten captive fasteners (fourteen), torque to  $14 \pm 2$  in-lbs (5/32" Hex Head Driver, 6" Ext., (5-35 in-lbs) Trq Driver).